

790 - 875 MHz Parabolic Grid

Features:

- Lightweight and durable construction.
- Feed input Type N as shown, for others see Note 2 below.
- Grid antenna designs offer lower wind-loading, typically reduced 40% or more from a comparable sized solid antenna without ice.
- Feed guy wires are included where necessary.
- Antenna features independent azimuth and elevation adjustment.
- Antenna Survival Ratings: 1 inch (25mm) of ice and 125 mph (201 kmh) wind.
- Antenna mounts to 4.5 in. OD (114 mm) (4 in. IPS) vertical pipe mast. Optional 2.38 in. - 4 in. OD (60 mm – 102 mm) mast-mount available for 4 ft (1.2 m) antenna.
- All mWAVE – Mark Grid Series antennas meet or exceed Standard ANSI/TIA-222.



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Electrical Specifications

Frequency MHz	Model No.	Pol.	Size		Reg.	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m		Low	Mid	High					
790 – 875	P-7A48GN-U	LP	4	1.2	No	17.6	18.1	18.5	20.0	18	18	1.5:1	14.0 †
790 – 875	P-7A72GN-U	LP	6	1.8	No	21.0	21.5	21.9	13.3	20	26	1.5:1	14.0 †
790 – 875	P-7A72GN-S	LP	6	1.8	No	21.0	21.5	21.9	13.3	20	26	1.5:1	14.0 †
790 – 875	P-7A96GN-S	LP	8	2.4	No	23.1	23.5	24.0	10.0	20	26	1.5:1	14.0 †
790 – 875	P-7A120GN-S	LP	10	3.0	Yes**	24.7	25.1	25.6	8.0	19	26	1.5:1	14.0 †
790 – 875	P-7A144GN-S	LP	12	3.7	No	26.6	27.1	27.5	6.7	20	30	1.5:1	14.0 †
790 – 875	P-7A180GN-2	LP	15	4.6	No	28.1	28.5	28.9	5.8	20	30	1.5:1	14.0 †

Notes:

1. † Improved VSWR (R.L.) available.
2. * Optional input connectors available.
 F = 7/8 EIA Flange Non-pressurized
 N = N-Female Connector Non-Pressurized
 E = 7/16 DIN Connector Non-Pressurized
 L = 7/8 EIA Flange Pressurized Low VSWR
 LN = N-Female Non-Pressurized Low VSWR
3. ** U.S.F.C.C. Regulatory Standard Part 101.115 (b).